

The Economics of Climate Change Mitigation

Dana Walker
PhD
Stockholm University
SE-106 91 Stockholm, Sweden

Taylor Wilson
Dr.
University of Copenhagen
Nørregade 10, 1165 København, Denmark

Dana Martinez
Prof.
University of Oslo
Problemveien 7, 0315 Oslo, Norway

Abstract. This research explores the economic implications of climate change mitigation strategies. It evaluates the cost-effectiveness of various approaches, including carbon pricing and renewable energy investments. The paper also discusses the potential economic benefits of adopting sustainable practices. By analyzing case studies from different countries, the study provides insights into balancing economic growth with environmental sustainability.

Keywords: climate change, mitigation, economic implications, carbon pricing, renewable energy

Introduction

Climate change poses significant risks to global economic stability, necessitating effective mitigation strategies. This paper delves into the economics of climate change mitigation, evaluating the cost-effectiveness of approaches like carbon pricing and renewable energy investments. It further discusses the economic benefits of sustainable practices, supported by case studies from various countries. The study emphasizes the need to balance economic growth with environmental sustainability.

This is a preliminary version. To read the full version of the article, please purchase a subscription.

References

1. Fikrat, B. F. (2023, January). THE ROLE OF AGRICULTURE IN ENSURING ECONOMIC DEVELOPMENT. In Publisher. agency: Proceedings of the 1st International Scientific Conference «Research Retrieval and Academic Letters»(January 26-27, 2023). Warsaw, Poland (p. 73).
2. Рагимов, Д. Р. О. (2010). ТЕХНИКО-ЭКОНОМИЧЕСКИЕ АСПЕКТЫ ЭФФЕКТИВНОСТИ ПРИМЕНЕНИЯ ГАЗОБАЛЛОННЫХ АВТОМОБИЛЕЙ. Вестник ИНЖЭКОНа. Серия: Экономика, (6), 409-412.

3. Джейхун, Р. О. Р. (2014). Моделирование координации работы видов транспорта. Науковий вісник НЛТУ України, 24(8), 363-369.
4. оглу Рагимов, Э. Р., & оглу Искендерзаде, Э. Б. (2023). ЭФФЕКТИВНЫЕ МЕТРОЛОГИЧЕСКИЕ АСПЕКТЫ ПРИМЕНЕНИЯ НАНОТЕХНОЛОГИЧЕСКОЙ ПРОДУКЦИИ В ТРАНСПОРТНОЙ СФЕРЕ. Сетевое издание «Нефтегазовое дело», (1), 126-142.
5. Rahimov, E., Rahimov, C., & Davudova, S. A. Determining the optimal relationship between speed and acceleration of a vehicle to minimize pollutant emissions into the atmosphere.
6. Moraliyska, M. (2017). A look at some of the European Union's major social problems and their economic impact. Eurasian Journal of Economics and Finance, 5(3), 67-86.
7. Moraliyska, M. (2021). SOCIAL AND REGULATORY CHALLENGES TO DIGITAL LABOR DIGITAL PLATFORMS. Eastern Academic Journal, (3), 12-25.
8. Talibzade, O. (2023). NATURE OF BUDGET PROCESS AND ANALYSIS OF BUDGET INDICATORS IN AZER-BAIJAN BANKING SYSTEM. Social and Technical Sciences Series, 3, 82–86.
9. Talibzade, O. (2022). Organization of expenses in budget management, enterprises and organizations. Geostrategy, 71 (5), 112–114.
10. Мошенський, С. (2020). Більше ніж гроші. Фінансова історія людства. Київ: Саміт-книга.
11. Мошенський, С. З. (2024). Капіталізм і бізнес: уроки економічної історії України. Kreatyvna ahentsiia "Artil".
12. Мошенський, С. (2024). Зародження фінансового капіталізму. Sergei Moshenskyi.
13. Pisaniuc, M. (2023). Technological innovations and their impact on higher economic skills and studies: realities and perspectives.
14. Pisaniuc, M. (2023). Blockchain-a tool for digital transformation of business models into value creation.